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## Synonymical Notes on the Genus *Cerceris*—V.<sup>1</sup> (Hymenoptera: Sphecidae)

HERMAN A. SCULLEN, Oregon State University, Corvallis

A study of type material in Europe in 1959 together with additional specimens borrowed from several institutions and collectors or collected by the author has shown the following cases of synonymy.

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**Cerceris simplex simplex** F. Smith

*Cerceris simplex* F. Smith, 1856. Catal. Hymen. Brit. Mus. 4: 462, ♀, ♂. America: Brazil.—Scullen, 1961. Pan-Pacific Ent. 37: 47-48.

*Cerceris affumata* Schletterer, 1887. Zool. Jahrb. Ztschr. f. System 2: 455. ♀. America: Brazil.

A study of types and other available material from North and South America has shown the following described species, in the opinion of the author, should be considered subspecies of *C. simplex* F. Smith. Structurally all species appear to be the same except for an increase in the amount of lighter markings and a browning of the background color. The nominate subspecies is recorded only from Brazil. It is almost entirely black except for small spots back of the eyes and small patches on the propodeum which are yellow.

**Cerceris simplex graphica** F. Smith

*Cerceris graphica* F. Smith, 1873. Ann. and Mag. Nat. Hist. 12: 410, ♀. Mexico.

The holotype female of *C. graphica* F. Smith is in the British Museum (No. 21,1427). This subspecies is recorded from Ecuador and Peru north through Central America and Mexico with one record from Portal, Cochise Co., Arizona. Its background color ranges from fuscous to fuliginous with yellow markings.

*Cerceris hebes* Cameron (1890. Biol. Cent.-Amer. 2: 124-125) belongs to this group of subspecies and from its type location would doubtless be a synonym of *C. simplex graphica* F. Smith. The type of this species was not found at the British Museum by the writer in 1959 when other Cameron types were studied.

**Cerceris simplex larvata** Taschenberg

*Cerceris larvata* Taschenberg, 1875. Zietschr. f. d. ges. Naturw. 45: 391. ♂. Brazil (Mendoza)—Brethes, 1913. Mus. Nac. de Buenos Aires 24: 121-122—Scullen, 1962. Pan-Pacific Ent. 38: 58-59.

*Cerceris clephantinops* Holmberg, 1903. Museo nacional de Buenos Aires Anales 3: 485. ♂. Argentina, Territ. Pampa Centralis.

The type male of *C. larvata* Taschenberg is at the Zoologisches Institut, Martin-Luther-University, Halle (Saale), Germany. The type male of *C. clephantinops* Holmberg is in the Museo Nacional de Buenos Aires. This subspecies was described from Brazil but it is also taken in Argentina. Its background color is black and the yellow markings more extended than on *C. simplex simplex* F. Smith. Narrow yellow bands appear on all terga.

### ***Cerceris simplex macrosticta* Viereck and Cockerell**

*Cerceris macrosticta* Viereck and Cockerell, 1904. N. Y. Ent. Soc. Jour. 12: 133. ♂. New Mexico.—Scullen, 1942. Pan-Pacific Ent. 8: 187 (= *C. ampla* Banks).  
*Cerceris ampla* Banks, 1912. Ent. Soc. Amer. Ann. 5: 16. ♂, ♀. Fedor, Lee Co., Texas.

The type female of *C. macrosticta* Viereck and Cockerell is at the Philadelphia Academy of Natural Sciences, No. 10381. The type male and allotype female of *C. ampla* Banks are at the Museum of Comparative Zoology, No. 13769. This is the lightest form of all the subspecies and is the common form of the southwestern states and northern Mexico.

### ***Cerceris atra* Scullen**

*Cerceris nigra* Brethes (nec. Ashmead), 1911. Mus. Nacional de Buenos Aires 20: 263. Preoccupied.

The new name *C. atra* Scullen is here proposed for *C. nigra* Brethes which is preoccupied by *C. nigra* Ashmead (Ent. Soc. London Trans. p. 227 (1900)).